

Abstract

A distal protection device comprising a filter cartridge having a frame and filter material and a proximal region having a ridge adapted for interface with a retrieval device, wherein the retrieval device includes a distally located expandable cuff. The distal protection device is able to be deployed remotely in a body vessel lumen optionally using a guidewire and sheath and later retrieved using the retrieval device. A method of retrieving a cartridge from a body vessel lumen, the method comprising the steps of providing a filter cartridge disposed within a body vessel lumen; providing a retrieval device; advancing the retrieval device distally in the body vessel lumen until at least a portion of the retrieval device is distal the proximal most portion of the filter cartridge; engaging the filter cartridge with the retrieval device such that at least a portion of the filter cartridge is prevented from moving distally beyond at least a distal portion of the retrieval device; and advancing the retrieval device and the filter cartridge proximally from the body lumen.